Centaurea jacea

Habitus and growth type

Plant height [m]: **0.8**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **17.79**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **1.79**
Dispersal mode: **Myrmecochory**
Dispersal distance class: **3**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **native**

Ecology

Environmental relationships

Substrate humidity relationship: **Mesic**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.6**
Moisture indicator value: **5.3**
Reaction indicator value: **5.9**
Nutrient indicator value: **3.3**
Salinity indicator value: **0.7**

Disturbance indicator values

Disturbance frequency: **1.33**
Disturbance frequency (herb layer): **1.98**

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Disturbance severity: **0.51**
Disturbance severity (herb layer): **0.48**
Mowing frequency: **1.05**
Grazing pressure: **0.2**
Soil disturbance: **0.27**

Habitat and sociology

Broad habitat

Occurrence in broad habitats: **Coastal cliff, Mire, Grassland (non-alpine, non-saline), Saline vegetation, Scrub, Forest**

Distribution

Continentality: **6**
Continentality amplitude: **5**

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